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Established Maximum Residue Limit

EMRL2008-04

# Thiacloprid

*(publié aussi en français)*

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA), has granted full registration to technical grade thiacloprid and the end-use product Calypso 480 SC Insecticide for use in Canada on pome fruits (Crop Group 11; see Appendix I). The specific uses approved in Canada are detailed on the product label of Calypso 480 SC Insecticide (*Pest Control Products Act* Registration Number 28429).

Corresponding maximum residue limits (MRLs) were identified in Proposed Maximum Residue Limit document PMRL2007-02, *Thiacloprid*, published on 26 April 2007. The PMRL referenced the consultation document published on 10 January 2007, Proposed Registration Decision PRD2007-02, *Thiacloprid*. The PMRA received no comments on the proposed MRLs in response to this consultation.

To comply with Canada's international trade obligations, consultation on the proposed MRLs was conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada. No comments were received as a result of the World Trade Organization consultation.

The following MRLs are legally in effect as of the publication date of this document.

#### Established Maximum Residue Limits for Thiacloprid

| Common Chemical Name | Chemical Name of Substance                                                                                                           | MRL (ppm) | Food Commodity                                                     |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------|
| Thiacloprid          | (Z)-[3-[(6-chloro-3-pyridinyl) methyl]-2-thiazolidinylidene] cyanamide, including metabolites retaining the thiazolidine ring intact | 0.3       | Pome fruits (Crop Group 11)                                        |
|                      |                                                                                                                                      | 0.15      | Liver of cattle, goats, horses and sheep                           |
|                      |                                                                                                                                      | 0.05      | Meat byproducts (except liver)* of cattle, goats, horses and sheep |
|                      |                                                                                                                                      | 0.03      | Meat of cattle, goats, horses and sheep; milk                      |
|                      |                                                                                                                                      | 0.02      | Fat of cattle, goats, horses and sheep                             |

\* Note that the livestock commodity MRLs established herein are consistent with those proposed in PMRL2007-02. The specific reference to kidney has been removed given that meat byproducts include both kidney and liver unless a distinct MRL is required for one or both of these commodities. Liver is excepted from the meat byproduct MRL and reported separately given its higher MRL, but kidney is covered under the MRL for meat byproducts.

The MRL for the listed crop group is established for each commodity in the group in accordance with Appendix I.

A complete list of all MRLs established in Canada can be found on the PMRA's [MRL webpage](#).



## Appendix I

### Crop Groups: Numbers and Definitions

| <b>Crop Group Number</b> | <b>Name of the Crop Group</b> | <b>Food Commodities Included in the Crop Group</b>                               |
|--------------------------|-------------------------------|----------------------------------------------------------------------------------|
| 11                       | Pome fruits                   | Apples<br>Crabapples<br>Loquats<br>Mayhaws<br>Pears<br>Oriental pears<br>Quinces |